$$(XV)$$
  $R^{10}$   $E$   $(KV)$   $(KV)$ 

$$(XVI)$$

$$R^{10} \underbrace{\left(\begin{array}{c} T^{1} \\ \end{array}\right)_{q}} \underbrace{\left(\begin{array}{c} T^{2} \\ \end{array}\right)_{r}} \underbrace{\left(\begin{array}{c} T^{3} \\ \end{array}\right)_{s}} R^{11}$$

$$(XVII)$$

where:  $R^{10}$ ,  $R^{11}$  are as defined for  $R^1$ ,  $R^2$ , where additionally the terminal -CH<sub>3</sub>-group may in each case be replaced by one of the chiral groups (optically active or racemic) below:

5

10

 $\text{R}^3,\,\text{R}^4,\,\text{R}^5,\,\text{R}^6,\,\text{R}^7$  are identical or different and are each

- a) hydrogen
- a straight-chain or branched alkyl radical (with or without asymmetric carbon atoms) having 1 to 16 carbon atoms, where
   one or more nonadjacent and nonterminal CH<sub>2</sub> groups may be replaced by -O- and/or
  - b2) one or two CH2 groups may be replaced by -CH=CH-,
- R<sup>4</sup> and R<sup>5</sup> together may alternatively be -(CH<sub>2</sub>)<sub>4</sub>- or -(CH<sub>2</sub>)<sub>5</sub>if they are attached to an oxirane, dioxolane, tetrahydrofuran,
  tetrahydropyran, butyrolactone or valerolactone system;

R<sup>12</sup> is hydrogen or a straight-chain or branched alkyl radical (with or without asymmetric carbon atoms) having 1 to 16 carbon atoms, where one or more H may be replaced by F and one or two nonadjacent nonterminal -CH<sub>2</sub>- groups may be replaced by -O-

 $Z^1, Z^2, Z^3, Z^4, Z^5, Z^6$  are each, independently of one another, H or F